



RE: ECCV Permit
Scott Mefford to: Wendy Cheung
Cc: kscott

04/13/2010 02:39 PM

The lat long for the primary well (center well) is 39 deg 59.414'N, 104 deg 43.7562'West, the north well is 39 deg 59.938'N, 104 deg 42.898'W. The Higley reference came from the USGS at the web site I noted on the prior e-mail. It is not part of the Weimer book, as the Weimer book is a bit short of 127 pages.

Scott

-----Original Message-----

From: Cheung.Wendy@epamail.epa.gov [mailto:Cheung.Wendy@epamail.epa.gov]
Sent: Tuesday, April 13, 2010 2:05 PM
To: Scott Mefford
Subject: Re: ECCV Permit

Scott,

The article that you emailed me by Debra Higley has the lat/long, figure 1 and figure 2. Based on this map, the ECCV site appears further away. I believe it's p. 127 from Weimer's book, if there's any additional information, could you scan that and send? Do you also happen to have the lat/long of the permit area boundary and/or well locations?

Thanks,

Wendy Cheung
US EPA Region 8
Mailcode: 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129
work: (303) 312-6242
fax: (303) 312-7084

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| From: |
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> |"Scott Mefford" <smefford@comcast.net>
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> To: |
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> |Wendy Cheung/R8/USEPA/US@EPA
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> Cc: |
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> |<kscott@eccv.org>
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Date:

04/13/2010 01:39 PM

Subject:

ECCV Permit

Wendy..

Although it may not appear so, some of the attached material may make this a little clearer. Take a look at page 48 and you can see where the Lafayette wrench fault actually lies. Also, look at the map on page 56. This is a map of the Terry Sand in the Spindle field. This map better clarifies the difference between the Lafayette fault (which lies north) and the syncline or fold which lies in 1S 66W. I think the way the La WFZ is labeled on the other Terry Sand map is somewhat misleading. I believe the wrench fault is mapped further north in 1N 66W, but unfortunately the LaWFZ notation was placed near the syncline axis which is not a fault but rather a down warped fold.

(Embedded image moved to file: pic02445.jpg)
<http://facweb.bhc.edu/academics/science/harwoodr/GEOL101/study/Images/Syncline.gif>

A brief tutorial on faults may be found at:
http://www.google.com/imgres?imgurl=http://facweb.bhc.edu/academics/science/harwoodr/GEOL101/study/Images/Syncline.gif&imgrefurl=http://facweb.bhc.edu/academics/science/harwoodr/GEOL101/study/structur.htm&h=346&w=640&sz=27&tbnid=aVGMcVO2fw7ImM:&tbnh=74&tbnw=137&prev=/images%3Fq%3Dsyncline&usg=__KG6QENsHu9d40SpeFuGqhLEXKAY=&ei=58bES7aNHY3ysgP9_8DfDA&sa=X&oi=image_result&resnum=8&ct=image&ved=0CBoQ9QEwBw

This may be more than you want, and you may be tired of the geology lessons, but just a simplified reference in you're interested.

Give me a call if you have questions..

Scott[attachment "Weimer2.tif" deleted by Wendy Cheung/R8/USEPA/US]